

Strong Authentication - Passwordless Authentication

Introduction:

Passwordless authentication is becoming more popular among businesses prioritizing their users' and employees' security and digital experiences. It enables users to log in and access IT resources, systems or applications without using passwords. The user instead offers another form of authentication, such as a biometric, a magic link or a hardware key.

This tutorial guides you on how to configure magic link authentication in the WSO2 Identity Server using sample applications.

Setting up:

Configure Sample Application

1. Re-use the **Dispatch** Application configured in **5. Single Sign-On with OpenID Connect** Lab.

Configure the email ending module

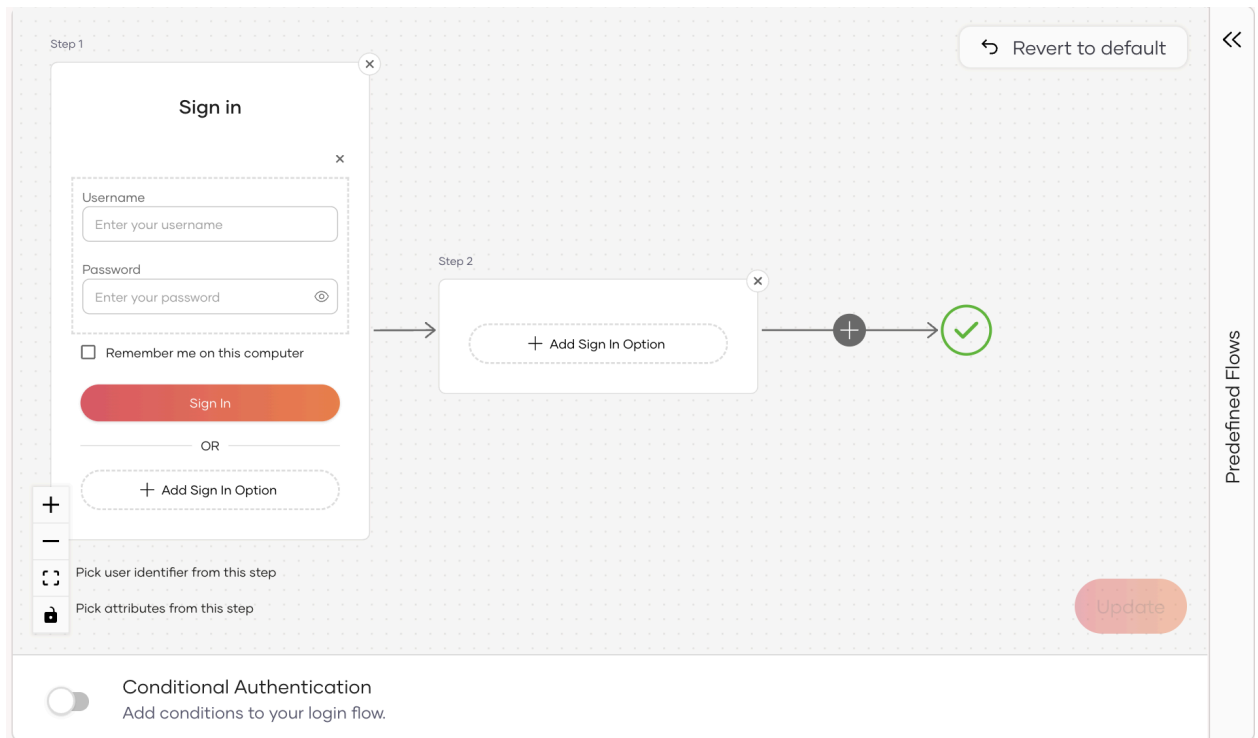
1. Stop the server and add the following properties to the `deployment.toml` file in the `<IS_HOME>/repository/conf` folder to configure the email server.

```
[output_adapter.email]
from_address="<email>"
username="<email>"
password="<password>"
hostname="smtp.gmail.com"
port=587
enable_start_tls=true
enable_authentication=true
```

2. Save the configurations and start the server.

Configure Sample App with Passwordless Authentication

1. In the WSO2 Identity Server **Console**, from the menu click **Application**.
2. Select application **Dispatch**.
3. Goto the **Login Flow**.
4. Click on **Revert to default**, to remove previously configured authentication mechanisms.
5. To add the second step, select **+** icon followed by the screen.
6. Click **+ Add Sign In Option** from the popped up screen.



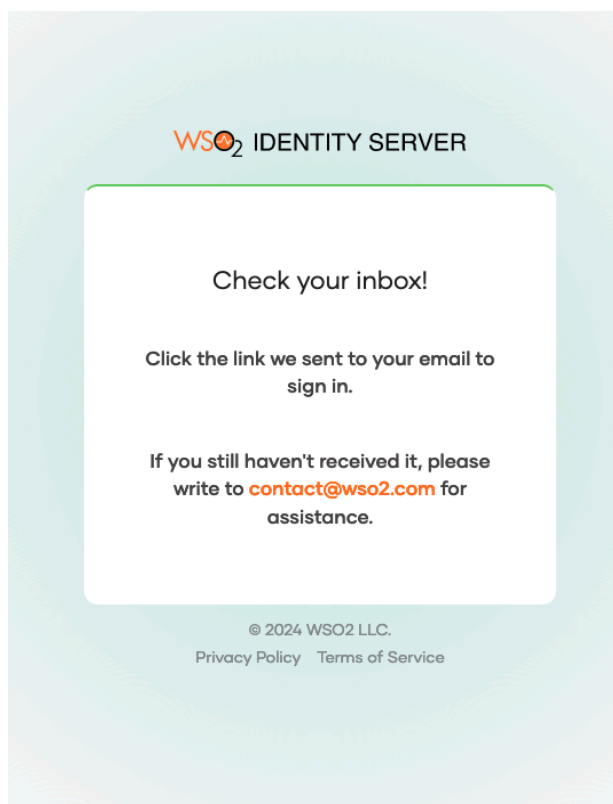
7. Select **Magic Link** and click **Add**.

8. Click **Update**.

Now you are ready to try out the sample with Magic Link.

Try it:

1. Go to <http://localhost.com:8080/pickup-dispatch> and click on the login button.
2. You will be redirected to the login page of WSO2 Identity Server.
3. Add credentials of **Tommy** and **Sign In**.
4. You will be directed to the below page.



5. Check your inbox for the magic link email. The email reads as follows:

Sign in to Dispatch

Hi,

Click the button to sign in to Dispatch.

Sign In

Please note that the link expires in 5 minutes and you can only use it once.

WSO2 Identity Server

6. Open the Magic Link by clicking Sign In.